# Kirill L Yakkonen

List of Publications by Year
in descending order



| 16 | 332 | 1040056 9 | 940533 16 |
|---|---|---|---|
| papers | citations | h-index | g-index |

| 16 | 16 | 16 | 467 |
|---|---|---|---|
| all docs | docs citations | times ranked | citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Contrasting effect of silicon on iron, zinc and manganese status and accumulation of metal-mobilizing compounds in micronutrient-deficient cucumber. Plant Physiology and Biochemistry, 2014, 74, 205-211. | 5.8 | 96 |
| 2 | Organic Acids Induce Tolerance to Zinc- and Copper-Exposed Fungi Under Various Growth Conditions. Current Microbiology, 2015, 70, 520-527. | 2.2 | 54 |
| 3 | Earthworms can increase mobility and bioavailability of silicon in soil. Soil Biology and Biochemistry, 2016, 99, 47-53. | 8.8 | 29 |
| 4 | Content of iron, zinc and manganese in grains of Triticum aestivum, Secale cereale, Hordeum vulgare and Avena sativa cultivars registered in Russia. Genetic Resources and Crop Evolution, 2017, 64, 1955-1961. | 1.6 | 25 |
| 5 | Interactions between aluminium, iron and silicon in Cucumber sativus L. grown under acidic conditions. Journal of Plant Physiology, 2017, 218, 100-108. | 3.5 | 23 |
| 6 | Fullerenol can Ameliorate Iron Deficiency in Cucumber Grown Hydroponically. Journal of Plant Growth Regulation, 2021, 40, 1017-1031. | 5.1 | 19 |
| 7 | The earthworm (Aporrectodea caliginosa) primes the release of mobile and available micronutrients in soil. Pedobiologia, 2012, 55, 93-99. | 1.2 | 18 |
| 8 | Fullerenol increases effectiveness of foliar iron fertilization in iron-deficient cucumber. PLoS ONE, 2020, 15, e0232765. | 2.5 | 18 |
| 9 | Silicon ameliorates iron deficiency of cucumber in a pH-dependent manner. Journal of Plant Physiology, 2018, 231, 364-373. | 3.5 | 12 |
| 10 | Can earthworms alleviate nutrient disorders of plants subjected to calcium carbonate excess?. Applied Soil Ecology, 2016, 98, 20-29. | 4.3 | 9 |
| 11 | Calcium Carbonate Reduces the Effectiveness of Soil-Added Monosilicic Acid in Cucumber Plants. Journal of Soil Science and Plant Nutrition, 2019, 19, 660-670. | 3.4 | 8 |
| 12 | Mechanisms Underlying Iron and Zinc Transport to Axis Organs in Grain During Early Seedling Development of Maize. Journal of Plant Nutrition, 2005, 27, 1525-1541. | 1.9 | 7 |
| 13 | Fullerenol changes metabolite responses differently depending on the iron status of cucumber plants. PLoS ONE, 2021, 16, e0251396. | 2.5 | 7 |
| 14 | Xylem sap mineral analyses as a rapid method for estimation plant-availability of Fe, Zn and Mn in carbonate soils: a case study in cucumber. Journal of Soil Science and Plant Nutrition, 2017, , 0-0. | 3.4 | 4 |
| 15 | Aluminum tolerance and micronutrient accumulation in cereal species contrasting in iron efficiency. Journal of Plant Nutrition, 2017, 40, 1152-1164. | 1.9 | 2 |
| 16 | Zinc deficiency in cucumber plants can be alleviated by fullerenol. Journal of Plant Nutrition, 2023, 46, 1504-1518. | 1.9 | 1 |